

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A ferrierite/iron zeolitic composition catalyst for conversion of N₂O comprising a ferrierite/iron assaying from 1 to 6% of iron by weight in ion exchange position and 0.1 to 0.5% of potassium by weight in ion exchange position.
2. (Cancelled)
3. (Currently Amended) The A-catalyst for conversion of N₂O according to claim 1 comprising an agglomerate of 80 to 90% of ferrierite/iron according to claim 1, and 20 to 10% of an agglomeration binder.
4. (Currently Amended) The composition catalyst of claim [[4]] 3, wherein the agglomeration binder is a clayey, siliceous or aluminous agglomeration binder.
5. (Currently Amended) A process for the preparation of the catalyst ~~for the conversion of N₂O as described in~~ of claim 3, comprising the steps of:
 - agglomerating a ferrierite powder with a binder to form an agglomerate paste,
 - shaping the paste as extrudates, in a proportion of 80 to 90% of ferrierite and 20 to 10% of binder, as weight % on a dry basis,
 - heating the agglomerate at a temperature sufficient for calcination,
 - carrying out at least one exchange with an aqueous iron salt solution, so that the exchanged ferrierite assays from 1 to 6% of iron by weight,
 - drying the exchanged agglomerate.
6. (Currently Amended) A process for the preparation of a catalyst ~~for the conversion of N₂O as described in~~ of Claim claim 3, comprising the steps of:
 - exchanging a ferrierite powder, at least once, with an aqueous iron salt solution,
 - so that the exchanged ferrierite assays from 1 to 6% of iron(percentages by weight),

agglomerating the exchanged ferrierite powder with a binder to form an agglomerate paste,
shaping the paste as extrudates, in the proportion of 80 to 90% of ferrierite and 20 to 10% of binder, as weight % on a dry basis,
heating the exchanged agglomerate at a temperature sufficient for drying and optionally calcining said agglomerate.

7. (Original) The process according to claims 5 or 6, wherein the agglomeration binder is a peptized alumina.
8. (Original) The process according to claims 5 or 6, wherein the iron salt is a ferrous salt.
9. (Original) The process according to claims 5 or 6, wherein the iron salt is a ferric salt.
10. (Currently Amended) The process according to claim 6, further comprising before agglomerating, the step of ~~subjected~~ subjecting the ferrierite powder beforehand to one or more exchanges with an aqueous solution of an ammonium salt.
11. (Original) The process according to claim 5, further comprising, before being exchanged with an iron salt solution, the step of subjecting the agglomerates to one or more exchanges with an aqueous solution of an ammonium salt.
12. (Currently Amended) The ~~ferrierite/iron~~ catalyst according to claim 1, wherein said ferrierite/iron comprises from 2 to 4% by weight iron.
13. (Original) The catalyst according to claim 3, wherein said agglomeration binder is clayey, siliceous, or aluminous.
14. (Original) The process according to claim 5, wherein said binder is a clayey, siliceous or aluminous binder.

15. (Original) The process according to claim 5, wherein said temperature sufficient for calcination is approximately 400°C.

16. (Original) The process according to claim 5, wherein the exchanged ferrierite assays from 2 to 4% of iron.

17. (Original) The process according to claim 6, wherein the exchanged ferrierite assays from 2 to 4% of iron.

18. (Original) The process according to claim 6, wherein said binder is a clayey, siliceous or aluminous binder.

19. (Original) The process according to claim 6, wherein said temperature sufficient for drying and optionally calcining said agglomerate is approximately 400°C.

20. (Original) The process according to claim 14 or 18, wherein the agglomeration binder is a clay, taken alone or as a mixture with kaolinite, attapulgite, bentonite or halloysite.